ALTI - SKI WATCH

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TECHNOLOGY FOR OUTDOORS™

Tech4o Alti-Ski Watch™
Owner's Manual

Content:

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1.0   Introduction/Features:

- Altimeter w/cumulative assent/descent
- Barometer
- Temperature
- Ski Run Counter
- Time / date / alarm

To make the most of your purchase, be sure to carefully read this manual and follow the included flow chart. Keep them safe for future reference. Please follow these precautions in using and caring for your new Tech4o Alti-Ski Watch:

- Avoid exposing the watch to extreme conditions
- Avoid rough use and/or severe impacts
- Occasionally clean the watch with a soft and moistened cloth
- Store the watch in a clean, dry place when not in use for an extended period of time.

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1.1 Button Functions *On/Off*
Mode Button: [M]
Used to select among the main modes of the watch

Button: [o/o]
Used to confirm selections, start/stop the stopwatch, and lock/unlock altitude

Set/+ Button: [s/+]
Used to access setting mode and increase/ change digits during setting display. Also sets intermediate/lap times in stopwatch mode

Option/- Button: [o/-]
Used to decrease/change digits during setting display and browse through sub-functions

Light Button: [L]
Used to illuminate the watch face for use during low light conditions

1.2 Major Function Modes

Press any button to wake the watch from sleep mode. Press the [M] button to toggle among the main function modes.

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2.0 Time / Date Mode - Display

When Time / Date mode is selected, the watch will display the current time on the top row and the current date, temperature, or ski run counter on the bottom row.

• To view time mode, press the [m] button until the mode indicator displays the clock symbol.

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2.1 Time / Date Mode - Setting

- In Time / Date mode press and hold the Set/+ button [s/+] for two seconds.
- The 12 H / 24 H will flash. Use the [o/-] button to select between a 12 or 24 hour clock feature. Press the [o/o] button to confirm selection.
- The hours will flash. Use the [s/+] and [o/-] buttons to select the correct hour. Press the [o/o] button to confirm selection.
- The minutes will flash. Use the [s/+] and [o/-] buttons to select the correct minutes. Press the [o/o] button to confirm selection.
- The month will flash. Use the [s/+] and [o/-] buttons to select the correct month. Press the [o/o] button to confirm selection.
- The days will flash. Use the [s/+] and [o/-] buttons to select the correct day. Press the [o/o] button to confirm selection.
- The year will flash. Use the [s/+] and [o/-] buttons to select the correct year. Press the [o/o] button to confirm selection.
- You have now completed the Date / Time Mode quick set.

3.0 Daily Alarm Mode - Display

This watch includes a daily alarm. When the daily alarm is ON, the alarm will sound for 30 seconds at the alarm time every day.

- To view the daily alarm display, press the [o/-] button once while in time/date mode.
- When the daily alarm is selected, the watch will display the alarm setting indicator in the top row and the daily alarm time in the bottom row.

3.1 Daily Alarm Mode - Setting

- To set the daily alarm, press and hold the [s/+] button for 2 seconds. The hours will flash.
- Use the [s/+] and [o/-] buttons to adjust the hours. Press the [o/o] button to confirm selection.
- At this time, the minutes will flash.
- Use the [s/+] and [o/-] buttons to adjust the minutes. Press the [o/o] button to confirm selection.
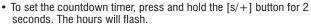- Press the [o/o] button again to set the alarm for on or off.

Press the [o/-] button to confirm selection and advance to the countdown timer mode.

4.0 Countdown Timer Mode - Display

This watch includes a countdown timer.
• To view the countdown timer, press the [o/-] button twice while in time/date mode.
• When the countdown timer is selected, the watch will display the countdown time in the top row and the current home time in the bottom row.

4.1 Countdown Timer Mode - Setting

• To set the countdown timer, press and hold the [s/+] button for 2 seconds. The hours will flash.
• Use the [s/+] and [o/-] buttons to adjust the hours. Press the [o/o] button to confirm selection.
• At this time, the minutes will flash.
• Use the [s/+] and [o/-] buttons to adjust the minutes. Press the [o/o] button to confirm selection.
• Use the [s/+] and [o/-] buttons to adjust the seconds. Press the [o/o] button to confirm selection and finish.

4.2 Countdown Timer Mode

Using the Countdown Timer
• When in countdown timer mode, press the [o/o] button to start the countdown.
• Press the [o/o] button again to stop the countdown.
• Press the [o/o] button again to resume the countdown
• When the countdown timer expires the alarm will sound for 30 seconds and the timer will reset to the last countdown timer setting.
• Press the [o/-] button to proceed to the Stopwatch Mode.

5.0 Stopwatch Mode - Display

This watch features 5 individual stopwatch counters.
• The measuring unit of the stopwatch is 1/100 seconds for the first 59 minutes, 59.99 seconds. After reaching 1 hour of cumulative time, the measuring unit changes to 1 second and the measuring range is 99 hours, 59 minutes, 59 seconds

continues

- To view the stopwatch, press the [o/-] button three times while in date/time mode.
- When the stopwatch is selected, the watch will display StP 1 in the top row and 0:00 in the bottom row.

5.1 Stopwatch Mode - Setting

- In stopwatch mode, press and hold the [s/+] button for two seconds.
- The LAP/INT indicator will flash.
- Both LAP and intermediate settings will record time the same way, but the way the information is displayed will vary. The LAP setting will show the last lap time when the [s/+] or [o/o] buttons are pushed and in stopwatch history mode. The Intermediate setting will show the cumulative intermediate times when the [s/+] or [o/o] buttons are pushed and in stopwatch history mode.
- Use the [o/-] button to select between LAP and int settings. Press the [o/o] button to confirm selection.

5.2 Stopwatch Mode - Using the Stopwatch

How to use the Stopwatch
- When in stopwatch mode, press the [o/o] button to start the stopwatch. The top row will now display ------------- and the bottom row will display the current stopwatch time.

- Press the [o/o] button again to stop the stopwatch. The top and bottom rows will now display current stopwatch time.
- Press the [o/o] button again to resume the stopwatch. The top row will now display ------------- and the bottom row will display the current stopwatch time.
- While the stopwatch is running, you may enter LAP/INT times by pressing the [s/+] button. The top row will display the first LAP/INT time and the bottom row will display the cumulative stopwatch time.
- After each successive LAP/INT time is entered, the top row will display:
  * the cumulative time of all the entered intermediate times if the int setting was selected; or
  * the last lap time if the lap setting was selected.
- The bottom row will display the cumulative stopwatch time.
- When the stopwatch is stopped, press the [o/-] button to proceed to the stopwatch history mode or press [s/+] to proceed to the next available stopwatch to begin recording another set of times following the steps above. Note: there are 5 available stopwatches. More stopwatch information can be recorded by clearing stopwatch data in the stopwatch history mode or by recording over stopwatch #5.

6.0 Stopwatch History Mode - Display

When the stopwatch history mode is selected the watch will display St HSt on the top row and the current home time on the bottom row depending on your selection made in temperature mode.

• To access the stopwatch history mode, press the [o/-] button 4 times while in time/date mode.

6.1 Stopwatch History Mode - Navigating Data

How to retrieve saved stopwatch information:
• To view saved stopwatch information, press the [o/o] button in stopwatch history mode to view the desired history log
• Press the [o/-] button to confirm selection and view the desired data.
• Continue pressing the [o/-] button to scroll through the different LAP/INT times for that stopwatch log
• Press [o/o] button at any time to view a different stopwatch log.
• To clear all saved stopwatch data, press and hold the [s/+] button while selecting a stopwatch log to view.

7.0 Alternate Time Zone Mode - Display

When the alternate time zone mode is selected the watch will display TIME 2 and the alternate time zone time in the top row and the home time mode in the bottom row.

• To view the alternate time zone display, press the [o/-] button 5 times while in time/date mode.

7.1 Alternate Time Zone Mode - Setting

• In the alternate time zone mode, press and hold the Set/+ button [s/+] for two seconds.
• The hours will flash. Use the [s/+] and [o/-] buttons to select the correct hour, making sure to account for a.m. A, or p.m. P.
• Press the [o/o] button to confirm selection.
• The minutes will flash. Use the [s/+] and [o/-] buttons to select the correct minutes.
• Press the [o/o] button to confirm your selection.
• The alternate time zone is now set. Press the [o/-] to home time display.

8.0 Temperature Mode - Display

- To view temperature mode, press the [m] button until the mode indicator displays **T**.
- In temperature mode the watch will display temperatures in the top row and home time, temperature, or run counter in the bottom row.

8.1 Temperature Mode - Setting

- In temperature mode, press and hold the [s/+] button for 2 seconds. The °F or °C indicator will flash.
- Press the [o/-] button to select between °F or °C.
- Press the [o/o] button to confirm selection.
- At this time the bottom row will flash.
- Press the [o/-] button to select between home time, temperature, or run counter to be displayed in the bottom row. Press the [o/o] button to confirm selection.

8.2 Temperature Mode - Temperature Features

Current, Maximum, and Minimum Temperatures:

- In temperature mode, press the [o/-] button to access the maximum temperature reading since the setting was last reset.
- Press the [o/-] button again to access the minimum temperature reading since the setting was last reset.
- Both maximum and minimum temperature readings can be reset by pressing and holding the [s/+] button for 2 seconds while viewing either the maximum or minimum records respectively.
- Surrounding temperatures are generally 10 - 15˚F / 5 - 8˚C cooler than watch readings due to the effects of the wearer's body temperature.
- For more accurate readings, remove the watch from your wrist and allow 5-10 minutes for sensors to adjust.

9.0 Altimeter Mode - Display

In altitude mode the watch will display altitude and barometric measurements in the top row and the current home time, current temperature, or run counter depending our your personal selection.

- To view Altimeter Mode, press the [m] button until the mode indicator displays **A**.

9.1 Altimeter Mode - Setting

• In altimeter mode, press and hold the [s/+] button for 2 seconds.
• The current altitude reading will flash.
• Using the [s/+] and [o/-] buttons, enter your reference altitude. Your reference altitude should be obtained from a reliable map source for your current altitude.
• Once you have researched and entered your reference altitude, press the [o/o] button to confirm selection.
• The ft/m indicator will now flash.
• Press the [o/-] button to select your desired unit of measurement. Press the [o/o] button to confirm selection.
• Altimeter mode also has an optional lock feature.
• Press the [o/o] button to lock altimeter mode and prevent any accidental recordings of changes in altitude.

9.2 Altimeter Mode - Maximum Altitude

• In altimeter mode, press the [o/-] button to view the maximum altitude.
• The maximum altitude is the highest altitude recorded since the feature was last reset.
• To reset the maximum altitude, press and hold the [s/+] button for 2 seconds.

9.3 Altimeter Mode - Barometric Pressure

• In altimeter mode, press the [0/-] button to view the current barometric pressure.
• To change the unit of measure, press and hold the [s/+] button for 2 seconds.
• The inHG / mbar indicator will flash.
• Use the [o/-] button to select your desired unit of measurement. Press the [o/o] button to confirm your selection.

10.0 Descent Mode - Display

In descent mode, the watch will display altitude descent measurements on the top row and the current home time, current temperature, or the run counter on the second row depending on your personal preference.

• To view descent mode, press the [m] button until the mode indicator displays the down arrow.

10.1 Descent Mode - Trip Descent

• In descent mode, the default view is the total trip descent view.
• To clear/reset the total trip descent, press and hold the [s/+] button for 2 seconds.

10.2 Descent Mode - Rate of Descent

• In descent mode, press the [o/-] button once to view the current rate of descent.
• To clear/reset the current rate of descent, press and hold the [s/+] button for 2 seconds. Note that the current rate of descent automatically recalculates every minute also.

10.3 Descent Mode - Maximum Rate of Descent

• In descent mode, press the [o/-] button twice to view the maximum rate of descent for the trip.
• To clear/reset the maximum rate of descent, press and hold the [s/+] button for 2 seconds.

10.4 Descent Mode - Total Daily Descent

• In descent mode, press the [o/-] button 3 times to view the total daily descent.
• The total daily descent is automatically reset at midnight.

10.5 Descent Mode - Total Lifetime Descent

• In descent mode, press the [o/-] button 4 times to view the total lifetime descent.
• To clear/reset the total lifetime descent, press and hold the [s/+] button for 2 seconds.

11.0 Ascent Mode - Display

In ascent mode, the watch will display the total trip ascent on the top row and the current home time, current temperature, or the run counter on the second row depending on your personal preference.

• To view ascent mode, press the [m] button until the mode indicator displays the up arrow.

11.1 Ascent Mode - Trip Ascent

• In ascent mode, the default view is the total trip ascent view.
• To clear/reset the current rate of ascent, press and hold the [s/+] button for 2 seconds.

11.2 Ascent Mode - Rate of Ascent

- In ascent mode, press the [o/-] button once to view the current rate of ascent.
- To clear/reset the current rate of ascent, press and hold the [s/+] button for 2 seconds.

11.3 Ascent Mode - Maximum Rate of Ascent

- In ascent mode, press the [o/-] button twice to view the maximum rate of ascent for the trip.
- To clear/reset the maximum rate of ascent, press and hold the [s/+] button for 2 seconds.

11.4 Ascent Mode - Total Daily Ascent

- In ascent mode, press the [o/-] button 3 times to view the total daily ascent.
- The total daily ascent is automatically reset at midnight.

11.5 Ascent Mode - Total Lifetime Ascent

- In ascent mode, press the [o/-] button 4 times to view the total lifetime ascent.
- To clear/reset the total lifetime ascent, press and hold the [s/+] button for 2 seconds.

12.0 Run Counter - Display

To view the run counter press the [m] button until the mode indicator displays **R**.

- In run counter mode the watch will display run information in the top row and the current home time on the second row.
- A run is calculated based on altitude adjustment. An additional run is added to the total when a period of descent is followed by an ascent greater than 60ft. or 20m.

12.1 Run Counter - Trip Run Counter

- In the run counter mode, the default view is the trip run counter.
- A run is calculated based on altitude adjustment. An additional run is added to the total if there is an ascent measured of more than 60ft. or 20m.
- To reset the total run counter, press and hold the [s/+] button for 2 seconds.

12.2 Run Counter - Daily Run Counter

• To view daily run counter, press the [o/-] button. The total number of runs for the day will be displayed.
• A run is calculated based on altitude adjustment. An additional run is added to the total when a period of descent is followed by an ascent greater than 60ft. or 20m.
• The daily run counter is automatically reset at midnight.

12.3 Run Counter - Lifetime Run Counter

• To view the lifetime run counter, press the [o/-] button. The lifetime number of runs for the watch will be displayed.
• A run is calculated based on altitude adjustment. An additional run is added to the total when a period of descent is followed by an ascent greater than 60ft. or 20m.
• To reset/clear the lifetime run counter, press and hold the [s/+] button for 2 seconds.

13.0 Limited Warranty:

What is covered? Johnson Outdoors Inc. warrants your Tech4o Watch to be free from defects in materials or workmanship, and to perform accurately, for one (1) year provided it has not been damaged by the causes described in the next paragraph.

What is not covered? Normal wear, and damage due to the abrasion, melting, misuse, alteration, and abuse (including any disassembly) are not covered by this warranty. Digital Watches are water resistant, they are not waterproof. Damage resulting from excessive exposure to water, heat or cold is not covered under this warranty. Additionally, the battery is not covered under the warranty. Always have the battery replaced by an authorized repair center or jewler. Should you do the work yourself, you will void this warranty.

How to obtain warranty service or repair of your watch: Should a defect covered by this warranty appear in your watch, call our Consumer Service Department toll-free at 1.800.572.8822 for return authorization and instructions. (You must pay the cost of returning the unit to us). If the product is found to be defective in material or workmanship, we shall, at our option, either repair or replace it without charge, and will pay the cost of return shipment to you. If repairs are required to correct any problem not covered by this warranty, we will contact you for approval to proceed and to charge you for the components repaired or replaced, plus a nominal charge for labor.

THERE ARE NO EXPRESS WARRANTIES ON YOUR WATCH THAT ARE NOT CONTAINED IN THIS DOCUMENT. IN NO EVENT SHALL WE BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM USING OR LOSS OF USE OF YOUR WATCH.

Some states do not allow exclusion or limitation of incidental or consequential damages, so the above exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

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